

Water-Data Report 2008

**394829074053504 Local number 290020 Island Beach 4 Obs**

Northern Atlantic Coastal Plain aquifer system  
Cohansey Sand-Kirkwood Formation  
Ocean County, NJ

LOCATION.--Lat 39°48'29", long 74°05'35" referenced to North American Datum of 1927, Lacey Township, Ocean County, NJ, Hydrologic Unit 02040301, in Island Beach State Park, about 6.6 mi. south of the main entrance.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 12 ft. Upper casing diameter 6 in; top of first opening 9 ft, bottom of last opening 12 ft. Drilled water-table well.

DATUM.--Land-surface datum is 8.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 2.62 ft above land-surface datum, June 18, 1993, to present.

PERIOD OF RECORD.--May 1962 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, May 1962 to Dec. 1972.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.42 ft below land surface, June 24, 1964; lowest, 4.96 ft below land surface, June 9, 1999.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Water level	Date	Water level
Oct 17	3.94	May 15	3.14
Dec 20	3.36	Aug 7	3.65
Feb 20	3.03		

Water year 2008 highest: 3.03 Feb 20, 2008; lowest: 3.94 Oct 17, 2007

